

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--------------------|------------------|---------|---------------------|
| S1 | 2642 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 10:41 |
| S2 | 2571 | ((ceria WITH zirconia) OR (ceria WITH praseodymia)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:48 |
| S3 | 9851 | (particulate WITH combustion) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:48 |
| S4 | 2642 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:48 |
| S5 | 9 | (S4 and S2 and S3) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:48 |
| S6 | 13404 | ((particulate OR soot) WITH combustion) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:49 |
| S7 | 12 | (S4 and S2 and S6) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:53 |
| S8 | 159 | (S2 and S4) | US-PGPUB; USPAT | ADJ | ON | 2008/11/17 13:53 |
| S9 | 2587 | ((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:18 |
| S10 | 2646 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:18 |
| S11 | 160 | S9 and S10 | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:18 |
| S12 | 520 | ((((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME support\$3) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:19 |
| S13 | 294 | S12 and combustion | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:19 |
| S14 | 83 | S13 and (solid NEAR3 solution) | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:27 |

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| S15 | 1 | "5898014".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:36 |
| S16 | 1 | "6455182".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 18:57 |
| S17 | 26 | ("3825501" "4021366" "4170573" "4308176" "4835132" "5039503" "5073532" "5464606" "5830425" "5990040" "6033634" "6040265" "6120925").PN. OR ("6455182").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/20 19:09 |
| S18 | 2 | S12 AND toyota.as. | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 19:13 |
| S19 | 520 | (((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME support\$3) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 17:48 |
| S20 | 2646 | (502/304;502/308;502/326;502/347).ocls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 17:48 |
| S21 | 90 | S19 and S20 | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 17:48 |
| S22 | 1 | "4426320".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 18:43 |
| S23 | 2 | ("4510265" OR "5100632").pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/21 19:09 |
| S24 | 44 | ("4183829" "4426320" "4965243").PN. OR ("5100632").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/21 19:10 |
| S25 | 4 | S24 and iridium AND silver | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/21 19:10 |
| S26 | 6 | S24 and (iridium OR Ir) AND (Ag OR silver) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/21 19:14 |
| S27 | 7 | S19 and (catalyzed filter) | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 19:15 |
| S28 | 6 | S27 and metal\$3 honeycomb | US-PGPUB; USPAT | ADJ | ON | 2008/11/21 19:16 |
| S29 | 738 | (((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/26 14:38 |
| S30 | 13444 | ((particulate OR soot) WITH combustion) | US-PGPUB; USPAT | ADJ | ON | 2008/11/26 14:43 |

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| S31 | 57 | S29 and S30 | US-PGPUB; USPAT | ADJ | ON | 2008/11/26 14:43 |
| S32 | 1 | ((ceria-praseodymia OR Ce-Pr) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2009/06/02 13:52 |
| S33 | 9 | ((ceria-praseodymia OR Ce-Pr) SAME (support\$3 OR carrier OR substrate)) | US-PGPUB; USPAT | ADJ | ON | 2009/06/02 14:00 |
| S34 | 2 | "03196841" | JPO; DERWENT | ADJ | ON | 2009/06/02 15:59 |
| S35 | 2775 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/06/02 16:11 |
| S36 | 1259 | ((ceria) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag)) | US-PGPUB; USPAT | ADJ | ON | 2009/06/04 11:34 |
| S37 | 235 | S36 and ("502".clas.) AND (TWC OR combustion) | US-PGPUB; USPAT | ADJ | ON | 2009/06/04 11:34 |
| S38 | 2 | ("4727052" OR "4708946").pn. | US-PGPUB; USPAT | ADJ | ON | 2009/06/04 11:44 |
| S41 | 2919 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 02:34 |
| S42 | 8381 | (Ce WITH Pr WITH La) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 03:58 |
| S43 | 2919 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 03:58 |
| S44 | 193 | S42 and S43 | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 03:58 |
| S45 | 120 | S44 and combustion | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 03:58 |
| S46 | 83 | S45 and (Ru OR ruthenium OR Ir OR iridium) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 03:59 |
| S47 | 1 | "5000929".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 09:34 |
| S48 | 8381 | (Ce WITH Pr WITH La) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |
| S49 | 2919 | (502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |
| S50 | 193 | S48 and S49 | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |

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| S51 | 134 | S50 and (Ru OR ruthenium OR Ir OR iridium) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |
| S53 | 2 | ((SHUNJI) near2 (KIKUHARA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |
| S54 | 66 | ((TAKESHI) near2 (YAMASHITA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:31 |
| S55 | 8 | ((HITOSHI) near2 (KUBO)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:32 |
| S56 | 1 | ((KAZUTO) near2 (ITAYA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:32 |
| S57 | 68 | ((MASAHIRO) near2 (SASAKI)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:32 |
| S58 | 140 | (S53 or S54 or S55 or S56 or S57) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 18:33 |
| S59 | 3402 | (502/302;502/503;502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 19:05 |
| S60 | 272 | S48 and S59 | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 19:05 |
| S61 | 185 | S60 and (Ru OR ruthenium OR Ir OR iridium) | US-PGPUB; USPAT | ADJ | ON | 2009/12/19 19:06 |
| S62 | 442 | ((Ce OR cerium) AND (Praseodymium OR Pr) AND (lanthanum OR La) AND oxide AND support).clm. | US-PGPUB; USPAT | ADJ | ON | 2010/06/16 10:19 |
| S63 | 195 | S62 and "502".clas. | US-PGPUB; USPAT | ADJ | ON | 2010/06/16 10:20 |
| S64 | 122 | S63 and combustion | US-PGPUB; USPAT | ADJ | ON | 2010/06/16 10:20 |
| S65 | 22 | rare earth oxide (support OR carrier) | US-PGPUB; USPAT | ADJ | ON | 2010/06/16 10:22 |
| S66 | 1 | "5137862".pn. | US-PGPUB; USPAT | ADJ | ON | 2010/06/18 17:47 |
| S67 | 16 | ("4780449" "4940685" "5010052").PN. OR ("5137862").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/18 18:00 |
| S68 | 57082 | (Ru OR ruthenium) AND (Ir OR iridium) | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:38 |
| S69 | 5621 | S68 and "502".clas. | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:44 |

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| S70 | 1468 | S69 and combustion | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:44 |
| S71 | 1178 | S70 and oxidation | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:44 |
| S72 | 8837 | (Ce WITH Pr WITH La) | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:48 |
| S73 | 123 | S70 and S72 | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:48 |
| S74 | 3560 | (502/302;502/503;502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:55 |
| S75 | 366 | S71 and S74 | US-PGPUB; USPAT | ADJ | ON | 2010/06/20 13:55 |
| S76 | 21 | ("4714694" "5057483" "5075276" "5212142" "5248650" "5556825"). PN. OR ("6107240").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/20 17:18 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------------|------------------|---------|---------------------|
| L1 | 3672 | (502/302;502/503;502/304;502/308;502/326;502/347).ccls. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/09/29 02:25 |
| L2 | 1538 | 60/299.ccls. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/09/29 02:33 |
| L3 | 153 | ((SHUNJI) near2 (KIKUHARA)).INV. OR ((TAKESHI) near2 (YAMASHITA)).INV. OR ((HITOSHI) near2 (KUBO)).INV. OR ((MASAHIRO) near2 (SASAKI)).INV. OR ((KAZUTO) near2 (ITAYA)).INV. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/09/29 02:35 |
| L4 | 11 | L3 and combustion | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/09/29 02:37 |

9/ 29/ 2010 3:30:50 AM

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